'hoon	1	- 6	1
Sheet	_ 1	of	- 1

Form PTO-1449 (modified 2/91)	U.S. DEPT OF COMME Patent and Trademark Off		Serial Number:
INFORMATION	DISCLOSURE CITATION	4	
(Use severa	l sheets if necessary)		
		Applicant: Mehta et al.	
		Filing date: Herewith	Group art area:

U.S. PATENT DOCUMENTS

Exam- iner Initial	Patent number	Date	Name	Class	Subclass	Filing date if appropriate
/DL/	10/209,306	July 31, 2002	Horng et al.			

FOREIGN PATENT DOCUMENTS

Document number	Date	Country	Class	Subclass	Translation
 					YES NO

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.) Foschini et al., "On Limits of Wireless Communications in a 1. Fading Environment when Using Multiple Antennas," Wireless Pers. /DL/ Commun., pp, 311-335, 1998. Wolniansky et al., "V-BLAST: An Architecture for Realizing Very 2. High Data Rates Over the Rich-Scattering Wireless Channel," ISSSE, pp. 295-299, 1998. 3. Sellathurai egt al., "TURBO-BLAST for Wireless Communications: Theory and Experiments," IEEE Trans. Commun., vol. 50, no. 10, pp. 2538-2546, Oct. 2002. Tarokh et al., "Space Time Codes for High Data Rate Wireless Communication," IEEE Trans. Inform. Theory, vol. 44, pp. 744-765, 1999. 5. Alamouti, "A simple transmit diversity technique for wireless communications, " IEEE J. Selected Areas in Commun., vol. 16, Oct., pp. 1451-1458, 1998. Zheng and Tse, "Diversity and Multiplexing: A Fundamental 6. Tradeoff in Multiple-Antenna Channels," IEEE Transactions on Information Theory, Vol. 49, No. 5, pp. 1073-1096, May 2003. Date Considered: Examiner: /Daniel Lai/ 04/03/2007

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP ,609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to the applicant.

Form PTO-1449 (modified 2/91)	U.S. DEPT OF COMMERCE Patent and Trademark Office	Attorney Docket Number: MERL-1563	Serial Number: 10/828,626
INFORMATION D	DISCLOSURE CITATION		
0. 3	sheets if necessary)	Applicant: Mehta et al.	
MIR O 8 SOUR SE		Piling date: April 21, 2004	Group art area: 2681
CA CHAP		· · · · · · · · · · · · · · · · · · ·	

U.S. PATENT DOCUMENTS

Examiner	Patent number	Date	Name	Class	Subclass	Filing date
Initial _						i <u>f appro</u> priate
·						

FOREIGN PATENT DOCUMENTS

Document number	Date	Country	Class	Subclass	Trans	lation
					YES	МО
D[/WO2004/014013A1	Feb. 12, 2004	PCT	H04L	1/06	Х	

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

1. /DL/	Katz et al., "Combining space-time block coding with diversity antenna selection for improved downlink performance," Proceedings of IEEE 54 th Vehicular Technology Conference, vol. 1, pp. 178-182, Oct. 7, 2001.			
2.				
3.				
4.				
Daniel Lai/ Date Considered: 04/03/2007				
	EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to the applicant.			